GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

UNSTARRED QUESTION NO:6393
ANSWERED ON:12.04.2017
Seismic Tremors
Panda Shri Baijayant "Jay"

Will the Minister of EARTH SCIENCES be pleased to state:

(a) the details of seismic tremors reported during the last six months in the country along with their intensity, location wise and the loss of life and property reported therein;

(b) the details of claims of insurance /compensation of earthquake victims lying pending, State-wise and the action taken/being taken by the Government in this regard;

(c) the details of earthquake study centres and monitoring stations set up in the country, location and State-wise;

(d) the details of funds allocated and released for establishment of new earthquake study centres, monitoring stations and appointment of geologists, State/UT-wise;

(e) whether the Government is taking any measures to better study the tectonic plate shift and impact of mining and other such activities on the earth's surface and if so, the details thereof; and

(f) the other steps that the Government is planning to take to minimize this impact and if not, the reasons therefor?

Answer

THE MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES
(SHRI Y. S. CHOWDARY)

(a-b) Details of significant earthquake tremors reported in the country (covering the area bounded by 6Â°-38Â°N Latitude and 68Â°-98Â°E Longitude) by the National Seismological Network, National Center for Seismology(NCS), MoES during last six months (01, October 2016 to 31st March 2017) are annexed in Annexure-I. Data on loss and property due to earthquakes are not complied by NCS.

However no significant damage of life and property reported during this period. Data on claims of insurance/Compensation of Earthquake victims are not maintained by NCS.

(c) NCS, maintains a National Seismological Network (NSN) comprising of 84 (eighty four) permanent seismological field stations. Its state wise location is in Annexure-II.

Besides NCS, Wadia Institute of Himalyan Geology, Dehradun; National Geophysical Research Institute, Hydrabad; Institute of Seismological Research (ISR) Gandhinagar; North East Institute of Science & Technology, Jorhat and some academic institutes are also involve in earthquake study.

(d) During the FY 2015-16 an amount of Rs 18.21crore was allocated to the NCS and expenditure incurred was about Rs.16.05 crore. During the FY 2016-17 an amount of Rs 24.36 crore is allocated to NCS.

In addition to permanent employees of NCS, a total of sixteen (16) scientists on project basis are working in NCS.

(e-f) The National Centre for Seismology (NCS) is involved in earthquake monitoring and plate motion studies. These studies have revealed that Indian plate moves at a very small pace towards northeast and collides with the Eurasian plate. All associated sub-surface strain accumulation related studies are also taken up.

In addition, project funding opportunities for Seismicity and Plate motion studies exists under extra-mural activities of the ministry for various research and development academic to take up related studies.